

AFFIDAVIT OF WILLIAM J. BRUNO, PH.D.

State of New Mexico]
] ss.
County of Santa Fe]

WILLIAM J. BRUNO, Ph.D., being duly sworn deposes and says:

1. My name is William J. Bruno. I live at 2357 Botolph Road, Santa Fe, New Mexico.
2. I hold a doctorate degree in physics from the University of California at Berkeley, and bachelor degrees in math and physics from the Massachusetts Institute of Technology.
3. I have more than 15 years of experience as a biophysics researcher at Los Alamos National Laboratory in the Theoretical Biology and Biophysics group. This affidavit is on my own behalf and does not necessarily represent the views of my employer.
4. I have endorsed the Benevento Resolution of the International Commission for Electromagnetic Safety, signed by more than 30 researchers in the field of biological effects of electromagnetic fields. This resolution calls for, among other things, wireless-free zones in cities, public buildings and transit, and promotes wired alternatives to wireless networks.
5. I submitted a written comment to the National Academies of Science (NAS) Committee on Identification of Research Needs Relating to Potential Biological or Adverse Health Effects of Wireless Communications Devices. My comment was read into the record of the August 2007 Washington DC NAS Workshop on this proceeding by EMR Policy Institute President Janet Newton.
6. I began having significant neurological symptoms in early 2007. These included insomnia (waking after 2 to 3 hours of sleep, and unable to return to sleep despite exhaustion), tinnitus (often loud enough to be heard prominently in a moving car), and memory problems.
7. My neurologist referred me for neuropsychological testing by Dr. Stephen Chiulli, an Albuquerque neuropsychologist. Dr. Chiulli's report documented poor working memory but good to excellent scores in other areas tested.
8. My brother-in-law had advised me not to have a clock radio plugged in near the bed. He also recommends the *Better Brain Book* by neurologist David Perlmutter, which includes this piece of advice.

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9. When my symptoms were at their worst, I unplugged my clock radio, which was on top of my dresser, in hopes that doing so might alleviate my tinnitus. There was no immediate change in my tinnitus, but in less than five seconds a muscle somewhere in my face relaxed. I had no previous awareness of any tightness, but had noticed previously that my face was becoming asymmetrical, and that sometimes it was hard to open my mouth fully.

10. I began unplugging all electronics in my home. My sleep improved somewhat. For at least a month I could not bring myself to believe I was being affected by these "weak" electromagnetic fields, thinking that if such effects were possible, they would have been discovered previously and addressed by government regulation. I began to pay attention to correlations with exposure. Several incidents eventually convinced me that electromagnetic fields were the actual cause. A: on a drive on a highway that I don't frequently use, my ears rang notably louder repeatedly, always just before a cell phone tower came into view. B: on a highway I drive frequently, I remarked to my companion that my ears started ringing, even though no tower was apparent. Just I was about to conclude that the ringing was sometimes spontaneous, I noticed some strange attachments to light poles around the opera house we were passing. My friend said they were just flag poles, but later measurements with a microwave detector confirmed they were strong microwave emitters (greater than 1 Volt/meter in the car). C: I drove past a cell tower and expected my ears to ring; they did not until a few seconds after I had passed the tower. The effect seemed not related to my anticipation of it, as I had stopped anticipating it by then. Other incidents not related to cell phone towers are described in paragraph 13 below.

11. I did a literature search to find out if tinnitus caused by microwaves had been reported. It had. The microwave hearing effect was first reported by Allan Frey in the early 1960's. The effect is a recognized phenomenon; Frey published a study of it in the journal Science in 1973. Although the effect is often described as sounding like clicks or buzzes, the character of the sound is said to depend on the modulation, such that any kind of sound is apparently possible. Some researchers describe the effect as tinnitus. The thresholds published by Frey were higher than my own, but were obtained with 80 decibels of background noise, and no long-term studies. Frey's thresholds are below the levels required for physiologically significant thermal heating.

12. Now I shield myself from microwaves when driving. I find that it takes much more stimulation now to get the same response (such as tinnitus), but after being close to a cell tower for a few minutes without protection I can become more sensitive for weeks. With shielding I have not noticed cell towers causing my ears to ring, but they will ring (more quietly) when driving in certain areas that have AC magnetic fields of about 1 milligauss or greater. If I go somewhere with low levels of radio-frequency radiation (less than 0.01 Volts per meter) and low AC magnetic fields (less than 0.05 milligauss), my tinnitus is usually gone, provided I was not acutely exposed in getting there.

13. Other experiences that convinced me electromagnetic fields were responsible for symptoms included: **D:** tinnitus starting within a couple seconds after I turned on a light controlled by a dimmer switch, and stopping within a few seconds after I turned it off again. **E:** I came home and while still near the front door felt my ears were ringing worse. I asked my wife what was on that could be affecting me. She said there was nothing. I assumed it must be just my ears. After enduring most of the evening in discomfort, I discovered she had left on a low-voltage light (which very likely had a switching power supply that contaminates house wiring with transients every 1/120 of a second) upstairs.

14. One of my neighbors (our townhouses shared a wall) had been using Wi-Fi since before 2007. Later I found out the neighbor on the other side also uses Wi-Fi. A few months ago I moved to my current address, where Wi-Fi is barely detectable. I immediately began sleeping better and my productivity at work improved dramatically. I still get tinnitus around computers, but it is not as bad as before. The reduced 60 Hz magnetic field and better air quality at the new house may be factors in my improvement..

15. I have continued to monitor sensations in my head and throughout my body. I find that I react to many (but not all) cordless phones, most microwave ovens (some from at least 15 feet away), probably almost all computers, Wi-Fi, most fluorescent lights, switching power supplies, and other electrical devices. I have not reacted to DC fields.

16. I have read some of the literature on provocation studies subjecting people claiming to be electrically sensitive to laboratory testing. In my professional opinion, the experiments by Dr. William Rea, published in the *Journal of Bioelectricity* in 1991 demonstrate the reality of these effects. Several subsequent studies by others did not find statistically significant effects. However, these did not, in the studies I read, follow Rea's carefully designed protocol. Any claim that these later studies prove the effects to be psychosomatic is unfounded. Experiments by N. Leitgeb et al., including "Investigation of electric current perception thresholds of different EHS groups" (*Bioelectromagnetics*, 2007), strongly support the opposite conclusion. A significantly increased fraction of people who claim sensitivity can detect smaller currents in their skin compared to most people.

17. Many other experiments show biological effects at low levels of exposure. I find Salford's experiments (*Environmental Health Perspectives*, 2003) showing long term nerve damage caused by short term microwave exposure in rats to be compelling. William Bise's experiments (published in the journal *Physiological Chemistry and Physics* in 1978), showing changes in human EEG at picowatts and femtowatts per square centimeter exposures are striking and should be assumed correct in the absence of evidence to the contrary. Many studies show effects on sleep caused by weak microwaves. These effects are complicated and not understood, but that doesn't make them any less real, especially to those of us who experience them on a daily basis.

18. I know of several highly credible examples of people who respond to "weak" electromagnetic fields, that cannot be attributed to psychosomatic illness. These people include other scientists and engineers. Not every story is compelling, but in many cases the details of the observations, often with unexpected features that make sense on further analysis, make a convincing case. Another compelling example is of a child who is clearly affected by Wi-Fi, both in his behavior (including sleep problems) and his complaints of headaches, even though he seldom knows when he is being exposed (particularly when asleep).

19. The CDC last year expressed concerns about the epidemic of sleep problems in our country. Lack of sleep is expected to lead to many other serious health problems. The research on sleep effects from weak microwaves supports taking serious steps to reduce our microwave exposure, not increase it as more wireless broadband would do. Unless the federal government takes action to reduce our microwave exposure, our national health and productivity will, I expect, deteriorate more and more quickly. I fear for my own health, and the health and mental abilities of all of our children.

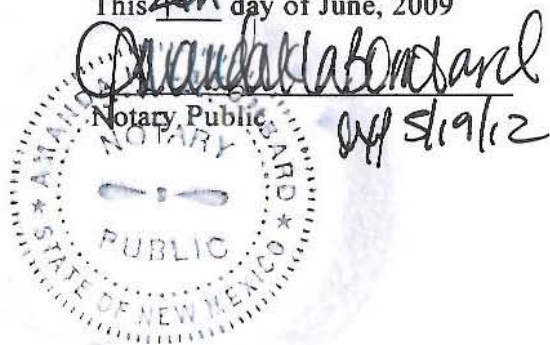
20. Recent research shows a strong correlation between Alzheimer's disease and living near extra-high voltage (EHV) power lines (Huss et al., Am. J. Epidemiology, 2008). Very recent studies indicate that Alzheimer's disease is caused in part by the widespread HSV-1 virus, but electromagnetic fields, which in many experiments affect the blood-brain-barrier, evidently help the virus enter the brain. That only EHV lines correlate with dementia suggests that the high frequency noise caused by corona sparks is the source of the problem. Note that the incidence of Alzheimer's went up nearly ten-fold in the late 1970's and early 1980's, just after microwave ovens (which all leak) became common.

21. I understand that the EMR Policy Institute is preparing comment to submit in the current Federal Communications Commission proceeding to develop the policy for providing high-speed internet service throughout the country - FCC 09-31, A National Broadband Plan for Our Future. I hereby designate The EMR Policy Institute to speak on my behalf on this FCC proceeding for the purpose of defending my rights to be safe in my own home and in public buildings.

22. I ask that the FCC accept this affidavit and the attached exhibits into evidence for consideration under FCC 09-31, A National Broadband Plan for Our Future, as it is material evidence of the existence of signals to which my family and I are subject, yet without proper standards based on current science.

Sworn to before me
This 4th day of June, 2009


William J. Bruno, Ph.D.



AFFIDAVIT OF JANET DAUBLE

State of California]
]
County of Los Angeles] ss.

JANET DAUBLE being duly sworn deposes and says:

1. My name is Janet Dauble. My address is P.O. Box 2080, Frazier Park, CA 93225
2. I am the founder (1987) and director of Share, Care and Prayer, Inc., a nonprofit ministry to thousands of food, chemical, mold, electric, dust, etc. sensitive people.
3. Over the last ten years, we have had more and more of our members complain of electromagnetic/microwave/radio frequency sensitivity.
4. I do not have a survey of all our members, however, our 2001 Pen Pal directory contained 78 people out of 766 people who listed they were electric sensitive on their Pen Pal application form—10%.
5. Our 2009 Pen Pal directory contained 74 people out of 208 people who listed they were electric sensitive on their Pen Pal application form—36%. (The number of Pen Pal program members was dramatically reduced from 2001 due to a policy change.)
6. One Share, Care and Prayer member reports that she cannot go into one half of her bedroom because her neighbor's Wi-Fi makes her very jittery and feel very sick. Another member is selling her 13 acre property because her neighbor's two Wi-Fis make her agitated. As a chemically sensitive person, the property had been a healthy retreat from polluted civilization for her up until the Wi-Fi exposure.
7. For years, I have been told sensitive people could not watch TV, because of the out gassing of chemical fumes from the TV. More frequently, I am being told by members that they cannot watch TV any longer due to the electromagnetic fields.
8. Many of our electrical sensitive members are frightened because of the upcoming change in digital TV being broadcast over the air due to their past experience with digital frequencies. One member had to have High Speed computer service turned off the same day it was connected due to reactions.
9. One of our most electromagnetic sensitive members lives in an apartment in New York. She has **605 antennas and 50 towers** (I cannot find the number of towers at the moment, but remember 50) **within one mile** of her apartment. She can no longer touch batteries, bar code tags in clothing, etc., be photographed with a flash bulb, be near utility company trucks which

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have flashing lights on top, etc. Her dentist cannot use a flashlight near her mouth because she will get lip, tooth and ear pain. One time she told me that her ears hurt when she goes to the library after they put in Wi-Fi. She is living a nightmare. I cannot imagine her being exposed to Wi-Fi 24/7 on top of all the rest.

10. I am very concerned for all our members in regard to Universal Wireless Broadband. I am certain that many of our Share, Care and Prayer members will suffer from that wireless exposure and I believe that many more Americans will become electrically sensitive.

11. I am concerned that many more Americans will become chronically ill and not know why.

12. I am concerned for our country because I believe that many more people will become disabled, not be able to work and need care.

Janet Dauble
Janet Dauble

Sworn to before me

This _____ day of June, 2009

Notary Public

State of California, County of Kern
Subscribed and sworn to (or affirmed) before me on this
4 day of June, 2009, by Janet Dauble
proved to me on the basis of satisfactory evidence
to be the person(s) who appeared before me.
Deirdre D. Garcia
(Signature of Notary)



AFFIDAVIT OF DEBORAH CARNEY

State of Colorado]
]
County of Jefferson] ss.

Deborah Carney being duly sworn deposes and says:

1. My name is Deborah L.T. Carney. I live on Lookout Mountain at 21789 Cabrini Blvd, Golden, Jefferson County, Colorado.
2. My husband and I have lived at this address for 16 years. Our three children grew up here.
3. We live about one mile from high-powered TV and FM broadcast antennas.
4. The operation of these towers has given us concern ever since we discovered that we were at the same altitude as these high-powered beams of nonionizing radiation, our community has elevated brain tumor rates and that every resident with a brain tumor had a clear view to the towers. (Colorado Department of Public Health and the Environment's July 2004 findings that statistically significant elevated numbers of brain tumors exist in residents near the broadcast antennae towers atop Lookout Mountain.)
5. My concern increased when our community electrical engineers repeatedly measured RF in levels above the FCC limits and I discovered that the FCC almost entirely relies on broadcasters and other emitters to self police and self report.
6. I am an attorney with a B.A. in Human Biology from Stanford University.
7. I invested hundreds of hours studying the evolution of the FCC RF standards and current medical research on the subject.
8. I observed and heard the sworn testimony of the following physicians, scientists and experts to the Jefferson County Colorado Commissioners concerning the proposed rezoning of land for a high powered digital TV broadcast supertower for ABC, NBC, CBS and Twenver stations here.

NAME	TITLE	SPECIALTY	TOPIC	Hyperlink and CITATION
KELLY, Cindy	M. D.	Orthopedic Oncologist	Examination of Health Risks Electromagnetic Radiation	http://www.emrpolicy.org/litigation/case_law/care/kelly.ppt ; http://www.emrpolicy.org/litigation/case_law/care/kelley_03.pdf http://www.emrpolicy.org/litigation/case_law/care/kelly_27apr99.pdf

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				2003 R5608-26, 11729-36
FRANKEL, Stephen	M.D.	Internal, Pulmonary, Critical Care -Cell Biology & Cell Signal Transaction	Effects of RF Radiation on Human Health and Disease	http://www.emrpolicy.org/litigation/case law/care/frankel 03.pdf ; http://www.emrpolicy.org/litigation/case law/care/Frankel.MD.ppt 2003 R 5583, 11711-23
WILKINS, Ross	M.D.	Orthopedic Oncologist Pres. Musculoskeletal Tumor Society	Epidemiology slow to react to evidence of harm-AIDS example	http://www.emrpolicy.org/litigation/case law/care/wilkins 1jul03.pdf 2003 R 11659
GOLD-SMITH	M. D.	Epidemiologist	The End of Innocence regarding RF	http://www.emrpolicy.org/litigation/case law/care/goldsmith 1jul03.pdf 2003 R 11660-1
HOONTRAKOON, Raweewan	M. D.	Pediatrician & Allergy	RF should be treated like vaccine preservative, if potential hazard avoid.	http://www.emrpolicy.org/litigation/case law/care/hoontrakoon 03.pdf 2003 R 11931-2
GRABOWSKI, Steven	M.D. M.P.H.	Public Health Preventative Medicine	Do No Harm-Medical Code of Ethics should be followed here	http://www.emrpolicy.org/litigation/case law/care/grabowski 03.pdf 2003 R 11922-32
PARDOS, George	M.D.	Ophthalmology	"Increased Sensitivity of Non Human Primate Eye to Microwave Radiation Following Ophthalmic Drug Pre-Treatment" by Henry A. Kues, Bioelectromagnetics 13:379-393 (1992)	http://www.emrpolicy.org/litigation/case law/care/Pardos.ppt http://www.emrpolicy.org/litigation/case law/care/pardos 27may99.pdf 1999 R 6094-9
POLAK, Paul	M.D.	Psychiatry	RF harms include severe sleep disturbance	http://www.emrpolicy.org/litigation/case law/care/polak 27apr99.pdf 1999 R 6045-50
REIF, John	D.V. M.	Principal Investigator	Health Effects	http://www.emrpolicy.org/litigation/case law/care/Reif.ppt

		of CSU Study of Lookout Mountain	Associated with Human Exposure to RF and 3 papers on the Lookout Mountain study	http://www.emrpolicy.org/litigation/case_law/care/reif_27may99.pdf 1999 R 6100-8
LAI, Henry	Ph.D.	Bio-Engineering-U.W.	Biological/Health Effects of RF from RF Towers	http://www.emrpolicy.org/litigation/case_law/care/lai_27may99.pdf 1999 R 6090-3
WITWER, John	M. D.	Radiology & State Rep.	An Increase in RF on Lookout Mountain should not be allowed	http://www.emrpolicy.org/litigation/case_law/care/witwer_27apr99.pdf 1999 R 6058-60
LITOVITZ, Theodore	Ph.D.	Physics	Health Effects of RF at Levels below FCC Limits	http://www.emrpolicy.org/litigation/case_law/care/litovitz_1jul03.pdf ; http://www.emrpolicy.org/litigation/case_law/care/LitovitzCVFeb02.doc 1999 R 1162-3
HOFFMAN	M. D.	Chief Medical Officer-Colo. Health Dept.	FCC RF limits do not protect from adverse consequences of long term exposure	http://www.emrpolicy.org/litigation/case_law/care/hoffman_27apr99.pdf 1999 R 6025-31
MATTSON, Roger	Ph.D.	Former director EPA Non Ionizing Division	No branch of government is watching out for RF hazards. EPA funding cut to \$25,000 for last 5 years	http://www.emrpolicy.org/litigation/case_law/care/mattson_27may99.pdf ; http://www.emrpolicy.org/litigation/case_law/care/mattson_03.pdf http://www.emrpolicy.org/litigation/case_law/care/mattson_jeffco_7.01.03.ppt 2003 R 1178-84 1999 R 6176-84
OLINGER, Shirley		Nuclear Engineer	RF Health Hazards	http://www.emrpolicy.org/litigation/case_law/care/olinger_27may99.pdf 1999 R 6172-5
WYNES, Murry	Ph. D.	Immunology	RF Health Hazards and CSU study	http://www.emrpolicy.org/litigation/case_law/care/wynes_03.pdf 2003 R 11868-9

			shows that white cell counts increase with RF at levels below FCC limits	Affidavit- Jan. 26, 2007
NOUFI, Rommel	Ph. D.	Physics and Chemistry	Does not allow any RF exposure to staff at National Renewable Energy	http://www.emrpolicy.org/litigation/case_law/care/noufi_29jun99.pdf 1999 R 6270-4
CLARKE, Penny	Ph. D.	Electro Biologist and Health Physician	U.of C. Oncologists & Scientists see adverse health effects from broadcast RF with potential to cause cancer.	http://www.emrpolicy.org/litigation/case_law/care/cu_oncologists_%20letter.ppt http://www.emrpolicy.org/litigation/case_law/care/clarke_03.pdf 2003 R 11866-7
MALLER, Jim	Ph. D.	Pharmacology	Low Frequency RF produces DNA breaks that lead to cancer.	http://www.emrpolicy.org/litigation/case_law/care/maller_03.pdf 2003 R 11820-1
MARTIN, Jim		Electrical Engineer	Children at Higher Risk from RF Radiation	http://www.emrpolicy.org/litigation/case_law/care/martin.ppt http://www.emrpolicy.org/litigation/case_law/care/martin_29jun99.pdf http://www.emrpolicy.org/litigation/case_law/care/martin_03.pdf 2003 R 11863-5

District Court, Jefferson County Colorado, 99 CV 2007. *Lake Cedar Group, LLC, v Board of County Commissioners of Jefferson County and Canyon Area Residents for the Environment, a Colorado nonprofit, Defendants-Interveners*. District Court, Jefferson County Colorado, 03-CV-3045. *City of Golden, CARE, et al v Jefferson County Board of County Commissioners and Lake Cedar Group, LLC*

9. These witnesses did not think the FCC RF standards adequately protected humans. I also conclude that the FCC RF standards do not protect against adverse health consequences to those exposed.

10. At two' clock AM in the last minutes of the 107th session, Congress voted in S. 4092, a hot lined bill, that took away my zoning protection on Lookout Mountain and allowed the broadcasters to construct a digital TV supertower that has increased the radiation levels into my home.

11. This supertower is now broadcasting radiation that trespasses into my home at levels that the experts testified in the Jefferson County zoning hearings was unsafe.

12. I have been a test subject in research on 300 residents in my community on the health effects of the Lookout Mountain broadcast antennas funded by the National Institute of Health. Several findings of significance are that as the amounts of electromagnetic radiation increase, the amounts of our white blood cells (T-Cells) increase as do estrogen levels in post menopausal women, even at levels 100 times under the FCC limits for broadcast radiation. Homes with wireless internet had elevated RF levels inside.

"Radio frequency nonionizing radiation in a community exposed to radio and television broadcasting." Burch JB, Clark M, Yost MG, Fitzpatrick CT, Bach and AM, Ramaprasad J, Reif JS. Environ Health Perspect. 2006 Feb; 114(2):248-53.

"Biomonitoring of Estrogen and Melatonin Metabolites Among Women Residing Near Radio and Television Broadcasting Transmitters." Clark M:L. Journal of Occupational & Environmental Medicine. 2007 Oct; 1149-1156.

"Human Responses to Residential RF Exposure" Reif, J.S., Burch, James, et al 2 ROI ES0008117-04 2005 Aug. "Human Responses to Residential RF Exposure." John S. Reif, James B. Burch, Michael Yost Annette Bach and, Maggie Clark. August 23, 2005

13. I have asked the EPA officials why the EPA is not taking action to protect human health and investigated why the EPA shut down its office of Nonionizing Radiation.

14. I learned that the broadcasters were one of the industry members who pushed hard for the elimination of this office. I discovered that the EPA's funding for non-ionizing radiation has been virtually eliminated.

15. The EPA will not act unless the FCC specifically requests the EPA opinion on the safety of non-ionizing radiation.

16. The FCC has repeatedly refused to request that the EPA evaluate safety over the last decade.

17. I represented our community of 9,000 residents through CARE (Canyon Area Residents for the Environment) www.c-a-r-e.org in lawsuits, petitions and meetings with

the FCC opposing further licensing and permitting of high powered antennas in our community for over 10 years.

18. My extensive first hand experience with the FCC has led me to conclude that the FCC knows and cares nothing about human health or biology, seldom monitors the amount of RF being generated, acts only to promote the expansion of RF technology and is strongly biased towards industry desires.

19. "Hear no evil, See no evil, Speak no evil" aptly describes the FCC consideration of the health impact of RF on any living creature including human beings and the FCC's failure to adequately inquire into this area.

20. Our community's petitions to the FCC to stop licensing high powered antennas, for relief from blanketing interference and against Federal preemption of local zoning were ignored by the FCC.

21. I discovered and can document that the FCC had launched a strike force against our community's efforts opposing high-powered digital TV antennas with "Operation Buffalo Chips" where the FCC worked behind the scenes with the broadcasters to conceal from the community all the violations of Federal laws.

22. After learning how careless the FCC has been about the health impacts of high-powered RF, I have become increasingly alarmed about the expansion of wireless technologies using more and more frequencies and power heedless of long term health impacts because no Federal agency is acting to protect human health.

23. As a result of these concerns, I have volunteered as the Vice President of the EMR Policy Institute; have spoken at two Congressional Staff Briefings and the Presidents' Cancer Panel on the concerns of our community.

24. My presentation from the May 2007 Congressional Staff Meeting was submitted to the National Academies of Science Committee on Identification of Research Needs Relating to Potential Biological or Adverse Health Effects of Wireless Communications Devices. This DVD of my briefing presentation was both shown and placed into the record of the August 2007 Washington DC NAS Workshop on this proceeding.

25. I am concerned that I may be becoming electro-hypersensitive. I now get head aches if I stay more than 15 minutes very near the TV Broadcast towers and after a few minutes on a cell phone.

26. At the current build out, there may soon be no place for the electrosensitive to live away from wireless RF.

27. Because of my concerns, I have installed shielding in our home and avoid using wireless technology whenever possible.

28. I do not want to be a guinea pig for the government-sanctioned rollout of new technologies with insufficient safety standards, or without sufficient knowledge about the long-term health effects of these wireless signals.

29. Without strong RF limits that actually protect health and the enforcement of such limits, I fear the hazards to our family's health of this low level radiation over time.

30. I am concerned about having to live next to antennas and transmitters if wireless internet is built out in our local environment. We have a right to be safe in our homes and our schools and workplaces, and we have a right to current safety standards that actually protect us from both immediate and cumulative health effects.

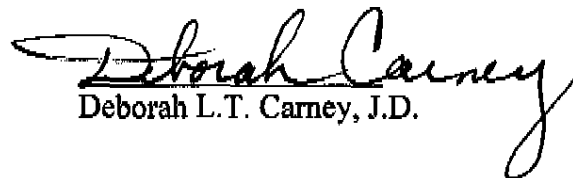
31. The EMR Policy Institute is preparing comment to submit in the current Federal Communications Commission proceeding to develop the policy for providing high-speed internet service throughout the country - FCC 09-31, A National Broadband Plan for Our Future.

32. The undersigned designates the EMR Policy Institute to speak on my behalf on this FCC proceeding for the purpose of defending my right to be safe in our own home, in my workplaces and neighborhoods from the invasion into our home, schools and workplaces of signals that may cause harm, because the FCC's current RF exposure guidelines are inadequate in light of the findings of current science.

33. I ask that the FCC accept this affidavit and the attached exhibits by hyperlink into evidence for consideration under FCC 09-31, A National Broadband Plan for Our Future GN Docket No. 09-51, as it is material evidence of the existence of signals to which my family and I are subject, yet without proper standards based on current science. The number of pages of this transcript testimony, PowerPoint presentations at hearings, studies, and FCC records would constitute would be prohibitively costly and voluminously cumbersome and hard to manage to copy to forward with this affidavit. However, if the Commission or any other entity requires hard copies, I will supply these upon request.

Sworn to before me

This 3rd day of June, 2009


Deborah L.T. Carney, J.D.

